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Special Session on “**Interdisciplinary data’s: Issues Opportunities and Challenges with Big Data analysis.**”

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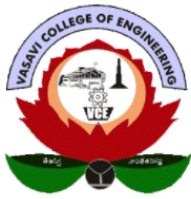
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Theme of Session:

The main aim of this special session is to According to popular definition, Big Data, is data whose scale, diversity, and complexity require novel architecture, techniques, algorithms, and analytics to manage, monitor and to extract imperative hidden knowledge and relevant values from it. In other words, big data is also characterized by storage volume, variety (structured and unstructured data) velocity (high rate of changing) and veracity (uncertainty and incompleteness). It is worthy to solicit a sound role and contribution of analytics with the wide range of Big data perspective completely interdisciplinary in nature. Analytics encompasses a wide plethora of problems mainly arising in the context of *Database, Data Warehousing and Data Mining* research. Analytics research is focused to develop complex procedures running over large-scale, enormous in-size data repositories with the objective of extracting useful knowledge hidden in such repositories. One of the most significant application scenarios where Big Data arise is scientific computing, where, scientists and researchers produce huge amounts of data per-day via experiments (e.g., disciplines like high-energy physics, astronomy, biology, bio-medicine, urban and rural commercial applications and so forth). As extracting useful knowledge for decision making purposes from these massive, large-scale data repositories is almost impossible for actual DBMS-inspired analysis tools, therefore storage, retrieval, access and execution could be significant initiative for big data applications. Several new methodologies are expected towards possible migration of the storage of Big Data in heterogeneous and different-in-nature data sources (e.g., legacy systems, Web, scientific data repositories, sensor and stream databases, manufacturing process data base, social networks) into a structured and well-interpretable format for target data analytics. As a consequence, data-



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driven approaches, in biology, medicine, public policy, social sciences, and humanities, can replace the traditional hypothesis-driven research in technology applications.

Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics **but not limited to**:

- Deep Learning applications with Big Data analysis
- New big data driven technologies & Applications
- Career opportunities in Big Data Analytics: Challenges
- Privacy and Security concerns in Big data
- Information Retrieval: Perspective from Big Data
- Cloud Computing and big data analytics.
- Text Mining application in current research area
- Role of Big data in medical domain
- Machine Learning with big data analysis

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: rahuldeosah@gmail.com
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee: Name(s), Affiliation(s)

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